



3-30-04

Practitioner's Docket No.: 782\_231

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Yasuharu SHIRAI and Hideki ARAKI

Ser. No.: 10/606,485 Art Unit: 2881

Filed: June 26, 2003 Examiner: James J. Leybourne

Confirmation No.: 5643

For: MATERIAL DEFECT EVALUATION APPARATUS USING POSITRON AND ITS  
EVALUATION METHOD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on *March 29, 2004* under "EXPRESS MAIL" mailing label number EL 994436370 US.

*Elizabeth A. VanAntwerp*  
Elizabeth A. VanAntwerp

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97(c)

TIME OF TRANSMITTAL OF ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT

1. The information disclosure statement transmitted herewith is being filed *after* three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but *before* the mailing date of either:

- (1) a final action under §1.113,
- (2) a notice of allowance under §1.311 or
- (3) an Office Action that closes prosecution.

STATEMENT OR SUBMISSION FEE

2. Accompanying this transmittal is

A.  a statement as specified in 37 CFR §1.97(e).

OR

B.  the submission fee set forth in 37 CFR §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).

Fee due: \$00.00

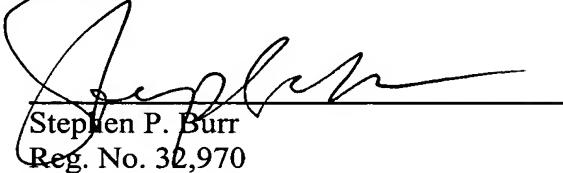


- 2 -

### METHOD OF PAYMENT OF FEE

3.  Attached is a check in the amount of \$\_\_\_\_\_.
- Charge Account No. 50-1446 in the amount of \$\_\_\_\_\_. A duplicate of this request is attached.
4.  If any additional fees are due, please charge Deposit Account 50-1446.

Respectfully submitted,



A handwritten signature of "Stephen P. Burr" over a horizontal line. Below the signature, the text "Reg. No. 32,970" is written.

March 29, 2004

Date

SPB/eav

BURR & BROWN  
P.O. Box 7068  
Syracuse, NY 13261-7068

Customer No.: 025191  
Telephone: (315) 233-8300  
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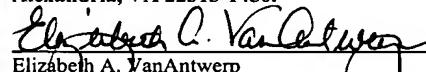
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Elizabeth A. VanAntwerp

**CERTIFICATION UNDER 37 CFR §1.97(e)**

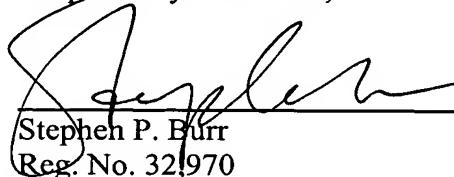
Sir:

- Each item of information contained in the Information Disclosure Statement filed herewith was *first* cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

OR

- No item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

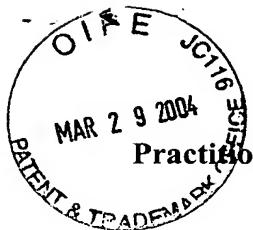
Respectfully submitted,

  
Stephen P. Burr  
Reg. No. 32,970

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*Elizabeth A. VanAntwerp*  
Elizabeth A. VanAntwerp

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a European Search Report bearing a mailing date of March 10, 2004 from a corresponding European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of



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this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

  
\_\_\_\_\_  
Stephen P. Burr  
Reg. No. 32,970

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MAR 29 2004

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

				Complete if Known				
				Application Number	10/606,485			
				Filing Date	June 26, 2003			
				First Named Inventor	Yasuhiro SHIRAI			
				Art Unit	2881			
				Examiner Name	James J. Leybourne			
				Confirmation No.	5643			
Sheet	1	of	1	Attorney Docket No.	782_231			

## U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
AA		2002/0030160 A1	03-14-2002	Greaves, Roderick G.				

## U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
AB		2001-116706 A1	04-27-2001	JP			JPO Machine Translation	✓
AC		05-288694 A1	11-02-1993	JP			JPO Machine Translation	✓

OTHER DOCUMENTS  
(Including Author, Title, Date, Pertinent Pages etc.)

AD	Barbieri, et. al., "Nondestructive Positron-Lifetime Measurements During Fatigue of Austenitic Stainless Steel Using a Mobile Positron Beam," Applied Physics Letters, American Institute of Physics., NY, Vol. 77, No. 12, 18 September 2000, pages 1911-1913, XP000964231.

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.